

Product Datasheet

GREEN HRP Staining Kit (Colorimetric)

NBP3-12181

Unit Size: 30 ml

Store at 4C.

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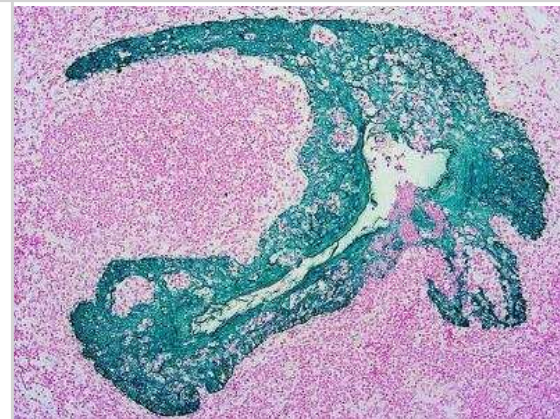
NBP3-12181**GREEN HRP Staining Kit (Colorimetric)**

| Product Information | |
|------------------------------------|--|
| Unit Size | 30 ml |
| Concentration | Concentration is not relevant for this product. Please see the protocols for proper use of this product. |
| Storage | Store at 4C. |
| Product Description | |
| Description | <p>Prepare the Following Solutions Before Use</p> <ol style="list-style-type: none"> 1. Aliquot 1mL of GREEN HRP Substrate Buffer in a mixing bottle. 2. Add one drop (~20ul) of concentrated GREEN HRP Chromogen solution. 3. Replace tip, mix, and allow solution to reach room temperature before using. 4. The GREEN HRP chromogen-substrate working solution is light sensitive and should be kept away from light as much as possible. 5. Working solution is stable for up to 4 hour, for optimal results prepare fresh reagent. <p>Staining Procedure</p> <ol style="list-style-type: none"> 1) Once sections have been incubated with peroxidase, wash sections with wash buffer then follow protocol of choice: <ol style="list-style-type: none"> a. Pre-Mix Working Solution: (Automation) GREEN HRP has a working solution stability of at least 4 hour and can be loaded directly onto instrument as a single solution. Reduce exposure to light to achieve optimal staining. Working solution is applied directly to slide. Incubate for 5-10 min. b. On Board Mixing: (Automation) Instruments that have onboard mixing capability can load the chromogen and substrate-buffer components independently. Working solution is made mixing reagents 1:50 in on-board mixing station before application to slide. Incubate for 5-10 min. c. Manual Use: Mix substrate-chromogen and buffer in a 1:50 ratio and apply directly to slide. Incubate for 5-10 min. 2) Counterstain with Hematoxylin or other counterstain. Wash with DI water followed by immuno wash buffer. 3) Mounting: Slides should be air dried (do not dehydrate in alcohol or xylene). After rinsing off counterstain in DI H₂O, leave slides on benchtop for at least 20 minutes to air dry, and then permanently mount. <p>Recommendation: For best color preservation and long term slide storage, we recommend using Tissue Preservation Solution - HRP/AP assays after counterstaining.</p> |
| Kit Components | GREEN HRP Substrate Buffer 30 mL, GREEN HRP Chromogen 1 mL, Empty Mixing Bottle 1 mL |
| Product Application Details | |
| Applications | Immunohistochemistry, Immunohistochemistry-Paraffin, In-situ Hybridization |
| Recommended Dilutions | Immunohistochemistry, Immunohistochemistry-Paraffin, In-situ Hybridization |



Images

Immunohistochemistry-Paraffin: GREEN HRP Staining Kit (Colorimetric) [NBP3-12181] - Formalin fixed paraffin embedded human tonsil stained with Cytokeratin H.M.W antibody labeled with GREEN HRP Chromogen (NBP3-12181) produces a bright green color.





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-
techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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